Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims of the application.

Listing of Claims:

- 1. (Original) A polymer composition comprising multistage polymer particles; wherein each of said multistage polymer particles comprises:
 - a) a first polymer comprising:
 - i) a polymerized unit of a multiethylenically unsaturated monomer, and
- ii) at least one pendant absorbing group selected from the group consisting of phosphorus acid groups, phosphorus acid full-ester groups, polyacid sidechain groups, and mixtures thereof,

wherein said first polymer has a glass transition temperature in the range of from -60°C to 35°C; and

b) a second polymer having a glass transition temperature in the range of from -60°C to 35°C, wherein said second polymer is substantially free of said at least one pendant absorbing group;

wherein the average weight ratio of said first polymer to said second polymer is in the range of from 1:2 to 1:20.

- 2. (Original) A composite particle comprising:
 - a) an inorganic particle having a surface; and
- b) a plurality of multistage polymer particles attached to said surface of said inorganic particle, each of said multistage polymer particles comprising:
- i) a first polymer comprising: a polymerized unit of a multiethylenically unsaturated monomer, and at least one pendant absorbing group selected from the group consisting of phosphorus acid groups, phosphorus acid full-ester groups, polyacid sidechain groups, and mixtures thereof, wherein said first polymer has a glass transition temperature in the range of from -60°C to 35°C; and
- ii) a second polymer having a glass transition temperature in the range of from -60°C to 35°C, wherein said second polymer is substantially free of said at least one pendant absorbing group;

wherein the average weight ratio of said first polymer to said second polymer is in the range of from 1:2 to 1:20.

- 3. (Original) An aqueous composition, useful for preparing a dried coating, comprising:
 - a) a composite particle comprising:
 - i) an inorganic particle having a surface; and
- ii) a plurality of multistage polymer particles absorbed on said surface of said inorganic particle, each of said multistage polymer particles comprising: a first polymer comprising: a polymerized unit of a multiethylenically unsaturated monomer, and at least one pendant absorbing group selected from the group consisting of phosphorus acid groups, phosphorus acid full-ester groups, polyacid sidechain groups, and mixtures thereof, wherein said first polymer has a glass transition temperature in the range of from -60°C to 35°C; and

a second polymer having a glass transition temperature in the range of from -60°C to 35°C; wherein said second polymer is substantially free of said at least one pendant absorbing group;

wherein the average weight ratio of said first polymer to said second polymer is in the range of from 1:2 to 1:20; and

- b) a binder.
- 4. (Original) The aqueous composition according to claim 3 having a volatile organic compound level of less than 50 gram per liter of said aqueous composition.
- 5. (Original) A multistage polymer particle comprising:
 - a) a first polymer comprising:
 - i) a polymerized unit of a multiethylenically unsaturated monomer, and
 - ii) at least one complementary functional group,

wherein said first polymer has a glass transition temperature in the range of from -60°C to 120°C; and

b) a second polymer having a glass transition temperature in the range of from -60°C to 35°C, wherein said second polymer is substantially free of said at least one complementary functional group;

wherein the average weight ratio of said first polymer to said second polymer is in the range of from 1:2 to 1:20.

- 6. (Original) A covalently bonded composite particle comprising:
 - a) a pigment particle;
- b) a first plurality of reacted coupling agents, such that each one of said reacted coupling agents forms a first covalent bond with said pigment particle; and
- c) a second plurality of multistage polymer particles, each of said multistage polymer particles comprising:
 - i) a first polymer comprising:
- a polymerized unit of a multiethylenically unsaturated monomer, and a complementary functional group reacted to form a second covalent bond with a corresponding one of said first plurality of reacted coupling agents; wherein said first polymer has a glass transition temperature in the range of from -60°C to 120°C; and
- ii) a second polymer having a glass transition temperature in the range of from -60°C to 35°C; wherein said second polymer is substantially free of said reacted complementary functional group; and

wherein the average weight ratio of said first polymer to said second polymer is in the range of from 1:2 to 1:20.

- 7. (Original) An aqueous composition, useful for preparing a dried coating, comprising:
 - a) a covalently bonded composite particle comprising:
 - i) a pigment particle;
- ii) a first plurality of reacted coupling agents, such that each one of said reacted coupling agents forms a first covalent bond to said pigment particle; and

- iii) a second plurality of multistage polymer particles, each of said multistage polymer particles comprising:
- a first polymer comprising a polymerized unit of a multiethylenically unsaturated monomer, and a complementary functional group reacted to form a second covalent bond with a corresponding one of said first plurality of reacted coupling agents; wherein said first polymer has a glass transition temperature in the range of from -60°C to 120°C; and a second polymer having a glass transition temperature in the range of from -60°C to 35°C; wherein said second polymer is substantially free of said reacted complementary functional group;

wherein the average weight ratio of said first polymer to said second polymer is in the range of from 1:2 to 1:20; and

- b) a binder.
- 8. (Original) The aqueous composition according to claim 7 having a volatile organic compound level of less than 50 gram per liter of said aqueous composition.
- 9. (Canceled).
- 10. (Original) A composite particle comprising:
 - a) an inorganic particle having a surface; and
- b) a plurality of polymer particles absorbed on said surface of said inorganic particle, each of said polymer particles having a pendant phosphorus acid full-ester group.